

ABSTRACT

ELECTRONIC CARD WITH BRACED STRUCTURE

The field of the invention is that of electronic computers that have to operate in a harsh mechanical environment.

One of the main fields of application relates to computers for on-board fixed-wing and rotary-wing aircraft avionics systems operating in a highly vibratory environment.

These computers generally comprise one or more large electronic cards. To limit the effects of vibrations on the integrity of the electronic components and on the connection system for the card, the invention proposes to place on each face braced structures for reducing the mechanical effects of the vibrations or for shifting the resonant frequencies of the electronic cards so as to avoid high-Q effects.

Several devices are described.

FIGURE 8